

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 06-192263

(43)Date of publication of application : 12.07.1994

(51)Int.Cl.

C07D491/052
 C07D491/044
 // A61K 31/445
 A61K 31/445
 A61K 31/445
 A61K 31/445
 A61K 31/445

(21)Application number : 05-023400

(22)Date of filing : 20.01.1993

(71)Applicant : HOKURIKU SEIYAKU CO LTD

(72)Inventor : ITO YASUO
 KATO HIDEO
 YASUDA SHINGO
 KATO NORIYUKI
 IWASAKI NOBUHIKO
 NISHINO HIROYUKI
 TAKESHITA MAKOTO

(30)Priority

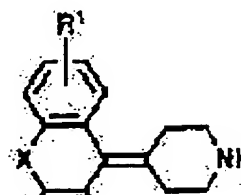
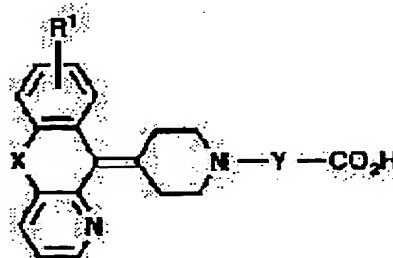
Priority number : 04 69404	Priority date : 20.02.1992	Priority country : JP
04137602	01.05.1992	
04137605	01.05.1992	JP
04273506	18.09.1992	
04321467	06.11.1992	JP
		JP
		JP

(54) AMPHOTERIC TRICYCLIC COMPOUND

(57)Abstract:

PURPOSE: To obtain a new compound having excellent antihistaminic action and antiallergic action and useful as an agent for the treatment of allergic diseases, bronchial asthma, etc.

CONSTITUTION: The compound of formula I [R¹ is H or halogen; X is O, CH₂O or OCH₂; Y is (lower alkyl-substituted) 2-5C alkylene], e.g. 3-[4-(5,11-dihydrobenz[b]oxepino[4,3-b]pyridin-11-ylidene)piperidino]propionic acid hydrochloride. The compound of formula I can be produced by reacting a compound of formula II with a compound of the formula Z-Y-CO₂R₂ or CH₂=C(R₃)CO₂R₂ (R₂ is lower alkyl; R₃ is H or lower alkyl; Z is halogen) optionally in an organic solvent in the presence of a base as a dehydrohalogenation agent and hydrolyzing the obtained N-alkylated product.



LEGAL STATUS

[Date of request for examination] 17.12.1996

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 2974529

[Date of registration] 03.09.1999

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]